## What is claimed is:

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- 1. A method for high velocity hydroforming a vehicle frame member, said method comprising the steps of:
  - a. providing a die having an internal die cavity;
  - b. providing a tubular member;
  - c. positioning said tubular member within said die cavity;
  - d. filling said tubular member with a fluid; and
- e. creating a shock wave within said fluid to expand said tubular member to conform to the shape of the die cavity, thereby forming a vehicle frame member.
- 2. The method of Claim 1 further including the step of feeding an end of said tubular member into said die cavity during the expansion of said tubular member.
- 3. The method of Claim 1, wherein said shock wave is created by discharging an electric arc within said fluid.
  - 4. The method of Claim 1, wherein said shock wave is created by rapidly advancing a piston within a fluid cylinder in communication with said fluid.
  - 5. The method of Claim 4, wherein said piston is advanced by an electromagnetic field.
    - 6. A method of forming a vehicle frame side rail comprising the steps of:
    - a. providing a die having an internal die cavity;
    - b. providing a tubular member having an end;
    - c. positioning said tubular member within said die cavity;
    - d. filling said tubular member with a fluid;

- e. discharging an electric arc within said fluid to create a shock wave within said fluid, thereby expanding said tubular member to conform to the shape of the die cavity; and
- f. feeding said end of said tubular member into said die cavity during the expansion of said tubular member to maintain a generally constant wall thickness.